

L Number	Hits	Search Text	DB	Time stamp
1	413	part\$5 near2 line near4 (mismatch or flash)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/12/14 17:01
2	5	(closure or plug or stopper) with (part\$5 near2 line near4 (mismatch or flash))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/12/14 16:52
3	5	(cap) with (part\$5 near2 line near4 (mismatch or flash))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/12/14 16:53
-	1149	277/637.ccls. or 277/616.ccls. or 277/617.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 13:03
-	994	((220/304) or (220/601)).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 11:14
-	146	(215/356).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 11:20
-	872	((215/352) or (215/346) or (215/341)).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 11:36
-	522	((217/76) or (217/98) or (217/110) or (217/106) or (217/107)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 11:38
-	372	(138/89.1-89.4).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:00
-	10548	(protrusion\$3 or projection\$3) near3 seal\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:04
-	163354	(ring\$3 or band\$3) near3 seal\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:05
-	854	((protrusion\$3 or projection\$3) near3 seal\$3) or ((ring\$3 or band\$3) near3 seal\$3) near (plug or stopper)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:06
-	3815	((protrusion\$3 or projection\$3) near3 seal\$3) or ((ring\$3 or band\$3) near3 seal\$3) near4 (plug or stopper)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 13:29
-	1870	(gasket or o-ring) and (((protrusion\$3 or projection\$3) near3 seal\$3) or ((ring\$3 or band\$3) near3 seal\$3)) near4 (plug or stopper)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:07
-	1317	(thread\$3 or bayonet) and ((gasket or o-ring) and (((protrusion\$3 or projection\$3) near3 seal\$3) or ((ring\$3 or band\$3) near3 seal\$3)) near4 (plug or stopper))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:09

-	363	(gasket or o-ring) and (((protrusion\$3 or projection\$3) near3 seal\$3) or ((ring\$3 or band\$3) near3 seal\$3)) near (plug or stopper))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:16
-	187	(gasket or o-ring) with (((protrusion\$3 or projection\$3) near3 seal\$3) or ((ring\$3 or band\$3) near3 seal\$3)) near (plug or stopper))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:24
-	1311	(gasket or o-ring) with (((protrusion\$3 or projection\$3) near3 seal\$3) or ((ring\$3 or band\$3) near3 seal\$3)) near4 (plug or stopper))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:24
-	1124	((gasket or o-ring) with (((protrusion\$3 or projection\$3) near3 seal\$3) or ((ring\$3 or band\$3) near3 seal\$3)) near4 (plug or stopper))) not ((gasket or o-ring) with (((protrusion\$3 or projection\$3) near3 seal\$3) or ((ring\$3 or band\$3) near3 seal\$3)) near (plug or stopper)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:26
-	2245	((138/96t) or (138/89)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 12:40
-	3	5680953.URPN.	USPAT	2002/01/29 13:00
-	3	5680953.URPN.	USPAT	2002/01/29 13:01
-	5	4815783.URPN.	USPAT	2002/01/29 13:01
-	5	4815783.URPN.	USPAT	2002/01/29 13:01
-	5	3255916.URPN.	USPAT	2002/01/29 13:02
-	7	2906429.URPN.	USPAT	2002/01/29 13:02
-	3	2689058.URPN.	USPAT	2002/01/29 13:02
-	111	220/378 and (plug or stopper)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 13:03
-	66	277/589 and (fasten\$5 or secur\$5 or retain\$%)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 13:24
-	161	(((((protrusion\$3 or projection\$3) near3 seal\$3) or ((ring\$3 or band\$3) near3 seal\$3)) near4 (plug or stopper))with secur\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 13:32
-	249	(220/dig.19).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/29 14:46

-	62	("0689896" "1080659" "1324896" "1629303" "1634655" "1640508" "1734232" "1802898" "1915310" "1929794" "1952036" "2008245" "2025852" "2028175" "2138060" "2156237" "2172644" "2291706" "2312738" "2339255" "2445802" "2689058" "2769566" "2770260" "2829794" "2848130" "2906429" "3027042" "3039641" "3122262" "3173569" "3219230" "3255916" "3334772" "3346278" "3380618" "3405837" "3468450" "3487442" "3589550" "3664540" "3785539" "3891118" "4005799" "4078696" "4146207" "4164304" "4190171" "4195750" "4201306" "4245753" "4494673" "4589564" "4711365" "5109997" "5207345" "5211304" "5305906" "5356030" "5379913" "5458257" "5680953") .PN.	USPAT	2002/01/29 16:23
-	31	(215/264) .CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/02/04 13:02
-	653	(215/364) .CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/02/04 13:03
-	2	1842226.URPN.	USPAT	2002/02/04 14:01
-	5	2674472.URPN.	USPAT	2002/02/04 14:02
-	62	("0689896" "1080659" "1324896" "1629303" "1634655" "1640508" "1734232" "1802898" "1915310" "1929794" "1952036" "2008245" "2025852" "2028175" "2138060" "2156237" "2172644" "2291706" "2312738" "2339255" "2445802" "2689058" "2769566" "2770260" "2829794" "2848130" "2906429" "3027042" "3039641" "3122262" "3173569" "3219230" "3255916" "3334772" "3346278" "3380618" "3405837" "3468450" "3487442" "3589550" "3664540" "3785539" "3891118" "4005799" "4078696" "4146207" "4164304" "4190171" "4195750" "4201306" "4245753" "4494673" "4589564" "4711365" "5109997" "5207345" "5211304" "5305906" "5356030" "5379913" "5458257" "5680953") .PN.	USPAT	2002/02/04 15:34
-	7	2906429.URPN.	USPAT	2002/02/04 15:44
-	28	("1324896" "1640508" "2008245" "2025852" "2291706" "2339255" "2445802" "2769566" "2906429" "3027042" "3122262" "3173569" "3346278" "3380618" "3405837" "3487442" "3589550" "3664540" "3891118" "4005799" "4078696" "4146207" "4164304" "4190171" "4201306" "4245753" "5207345" "5211304") .PN.	USPAT	2002/02/04 15:45
-	3	5680953.URPN.	USPAT	2002/02/04 15:45
-	3	5680953.URPN.	USPAT	2002/02/04 15:46

-	28	("1324896" "1640508" "2008245" "2025852" "2291706" "2339255" "2445802" "2769566" "2906429" "3027042" "3122262" "3173569" "3346278" "3380618" "3405837" "3487442" "3589550" "3664540" "3891118" "4005799" "4078696" "4146207" "4164304" "4190171" "4201306" "4245753" "5207345" "5211304").PN.	USPAT	2002/02/04 15:46
-	6	(mismatch with (seal or projection or protrusion)) same (stopper or plug or bung)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/16 09:39
-	0	("parting flash line" with (seal or projection or protrusion)) same (stopper or plug or bung)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/16 09:40
-	0	("parting line flash" with (seal or projection or protrusion)) same (stopper or plug or bung)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/16 09:42
-	7	2906429.URPN.	USPAT	2003/04/16 09:59
-	0	((("parting line" near2 (flash or mismatch)) with (seal or ring or band or projection or protrusion)) same (stopper or plug or bung)	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/04/16 11:31
-	153	(215/356).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/16 10:31
-	92418	(stopper or bung or plug) same (gasket or ring or o-ring or seal)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/16 11:11
-	503	(215/355).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/16 10:49
-	2092	(penetrat or pierc\$4 or bit\$3) same ((stopper or bung or plug) same (gasket or ring or o-ring or seal))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/16 11:13
-	612	((penetrat or pierc\$4 or bit\$3) near6 (projecti\$4 or protru\$6 or ring or seal)) same ((stopper or bung or plug) same (gasket or ring or o-ring or seal))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/16 11:17
-	494	((penetrat or pierc\$4 or bit\$3) near6 (projecti\$4 or protru\$6 or ring or seal)) same ((stopper or bung or plug) same (gasket or ring or o-ring or seal))) not (cannula or medical)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/16 11:19
-	116	part\$4 near line near flash	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/04/16 11:32
-	5	("3327864" "3423518" "3675777" "3695443" "3747772").PN.	USPAT	2003/04/16 11:52
-	288	(220/601).CCLS.	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/04/16 12:31

-	57	("0689896" "1080659" "1324896" "1629303" "1640508" "1734232" "1915310" "1929794" "1952036" "2008245" "2025852" "2028175" "2138060" "2156237" "2172644" "2291706" "2312738" "2339255" "2445802" "2769566" "2770260" "2829794" "2848130" "2906429" "3027042" "3039641" "3122262" "3173569" "3334772" "3346278" "3380618" "3405837" "3468450" "3487442" "3589550" "3664540" "3785539" "3891118" "4005799" "4078696" "4146207" "4164304" "4190171" "4195750" "4201306" "4245306" "4494673" "4589564" "4711365" "5109997" "5207345" "5211304" "5305906" "5356030" "5379913" "5458257" "5680953").PN.	USPAT	2003/04/16 12:24
-	750	(220/304).CCLS.	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/04/16 12:32
-	669	((flash or part or mismatch) near3 line) same thread	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/04/16 14:57
-	62	(closure or bung or plug or stopper) same (((flash or part or mismatch) near3 line) same thread)	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/04/17 12:04
-	27	(closure or bung or plug or stopper) same ((mold) near3 line) same thread)	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/04/17 12:27
-	4	("3353849" "3873132" "3958719" "4246859").PN.	USPAT	2003/04/17 12:15
-	3	4246859.URPN.	USPAT	2003/04/17 12:17
-	2	("3353849" "3424481").PN.	USPAT	2003/04/17 12:20
-	4	3873132.URPN.	USPAT	2003/04/17 12:20
-	13	3353849.URPN.	USPAT	2003/04/17 12:21
-	71	(closure or bung or plug or stopper) and ((mold) near3 line) same thread)	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/04/17 12:27
-	800	(closure or bung or plug or stopper) same ((mold) same thread)	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/04/17 12:27
-	433	(closure or bung or plug or stopper) with ((mold) same thread)	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/04/17 12:29
-	44	((closure or bung or plug or stopper) and ((mold) near3 line) same thread)) not ((closure or bung or plug or stopper) same ((mold) near3 line) same thread))	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/04/17 12:28
-	12	((closure or bung or plug or stopper) near6 flange) with ((mold) same thread)	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/04/17 12:32
-	12	((closure or bung or plug or stopper) near6 flange) with (mold with thread)	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/04/17 12:50

-	18	((closure or bung or plug or stopper) near6 flange) same (mold with thread)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 12:53
-	6	((closure or bung or plug or stopper) near6 flange) same (mold with thread)) not ((closure or bung or plug or stopper) near6 flange) with (mold with thread))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 12:51
-	18	((closure or bung or plug or stopper) near6 flange) with thread) same mold	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 12:55
-	441	((closure or bung or plug or stopper) near6 flange) same mold	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 13:03
-	1	((flash or part) near2 line) same ((closure or bung or plug or stopper) near6 flange) same mold)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 12:59
-	11	"3806087"	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 13:00
-	2271	((closure or bung or plug or stopper) near6 flange) same (plastic or elastomeric)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 13:05
-	73	((closure or bung or plug or stopper) near6 flange) with thread) same (plastic or elastomeric)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 13:05
-	5	("2070296" "2084568" "3056427" "3255916" "3578027").PN.	USPAT	2003/04/17 13:21
-	5	3255916.URPN.	USPAT	2003/04/17 13:22
-	8	("1159687" "1409902" "1949979" "2650673" "3167210" "3219230" "3243071" "3523408").PN.	USPAT	2003/04/17 13:23
-	36	4136796.URPN.	USPAT	2003/04/17 13:26
-	3	("3179280" "3437231" "3122261").PN.	USPAT	2003/04/17 13:28
-	3	3684125.URPN.	USPAT	2003/04/17 13:28
-	0	6811983.URPN.	USPAT	2003/04/17 13:28
-	0	6811983.URPN.	USPAT	2003/04/17 13:28
-	13	3219230.URPN.	USPAT	2003/04/17 13:29